

**SL024936-A-BR-C3**

Cylindrical roller bearing

Cylindrical roller bearing SL02...-A, full complement roller set, two-row, non-locating bearing, 0 ribs on outer ring (smooth), 3 ribs on inner ring, type SL02

Technical information



Your current product variant

Design	A	Internal Variant A
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	2	Double-row design

Main Dimensions & Performance Data

d	180 mm	Bore diameter
D	250 mm	Outside diameter
B	69 mm	Width
C _r	570.000 N	Basic dynamic load rating, radial
C _{0r}	1.200.000 N	Basic static load rating, radial
C _{ur}	149.000 N	Fatigue load limit, radial
n _G	1.480 1/min	Limiting speed
n _{gr}	920 1/min	Reference speed
m	10,156 kg	Weight

Mounting dimensions

d _{c min}	205 mm	Minimum shaft shoulder
d _{a min}	204,9 mm	Minimum diameter shaft shoulder
D _{e min}	230,5 mm	Minimum diameter of housing shoulder
r _{a max}	2 mm	Maximum recess radius



Dimensions

r_{min}	2 mm	Minimum chamfer dimension
s	4 mm	Axial displacement
C	34,5 mm	Distance to lubrication hole
$d_{1 max}$	204,9 mm	Maximum rib diameter inner ring
E	230,5 mm	Raceway diameter outer ring





Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	120 °C	Operating temperature max.

Additional information

NNCL4936V	Bearing designation DIN5412
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Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed